west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Tuesday, October 20, 2026
WELL WORK PLUGGING PERMIT
Vertical Plugging

PILLAR ENERGY, LLC
1244 MARTINS BRANCH RD

CHARLESTON, WV 25312

Re: Permit approval for Z-14
47-011-00620-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

H. Jason Harmon
Chief

Operator's Well Number: Z-14
Farm Name: CONNER, ORVILLE
U.S. WELL NUMBER: 47-011-00620-00-00
Vertical Plugging
Date Issued: 10/20/2026

10/23/2026

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
2. Well work activities shall not constitute a hazard to the safety of persons.
3. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing.

10/23/2026

WW-4B
Rev. 2/01

1) Date September 9, 2026
2) Operator's Well No. Z-14
3) API Well No. 47- 011 - 00620

SEP 16 2026

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil ____/ Gas X / Liquid injection ____/ Waste disposal ____/
(If "Gas, Production X or Underground storage ____) Deep ____/ Shallow X

5) Location: Elevation 600 Watershed Lower Guyandotte
District Grant County Cabell Quadrangle Hurricane

6) Well Operator Pillar Energy LLC
Address 1244 Martins Branch Rd
Charleston WV 25312

7) Designated Agent Jeff Isner
Address (same)

8) Oil and Gas Inspector to be notified
Name Brian Warden
Address 49 Elk Creek Rd
Delbarton WV 25670

9) Plugging Contractor
Name TBD
Address

10) Work Order: The work order for the manner of plugging this well is as follows:

See attached procedure.

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector _____ Date 9 10 26

10/23/2026

Z-14
API# 47-011-00620
Elevation: 600' GL
Latitude/Longitude: 38.3959013, -82.11121685

PERMITTED UNDER NEW REGULATIONS

Z-14 Well Data

Casing:	10" Conductor @ 14'
	6-5/8" Intermediate Csg @ 1416' GL
	No record of tubing
TD:	1461'
Perforations:	Big Lime Pay Zone: 1455-1461
Coal:	No record found
Fresh Water Shows:	No record, and no offset records found, will cement from elevation to surface.
Salt Water Shows:	1030'
Gas/Oil Shows:	1455'

Z-14 Procedure:

1. Notify State Inspector, Brian Warden – (304)-205-3229– brian.warden@wv.gov 24 hours prior to commencing operations.
2. Prep location.
3. MIRU service rig, steel pits, and other ancillary equipment.
4. Blow well down, and TOOH w/ tubing if present.
5. RIH w/ work string to ~1435'
6. Pump 10 BBl 6% gel.
7. Set 100' Class A cement plug F/ 1435' T/ 1335'. Csg ripped or perforated at 1435' if present.
8. TOOH to 800', WOC 8 hrs, RIH & tag plug, add cement if needed.
9. Set the following Class A cement plugs, w/ 6% gel spotted between each plug
    a. 150' plug F/ 1010' T/ 860'. Csg ripped or perforated at 1010' &980' if csg is present.
    b. 200' plug F/ 600' – T/ 400'. Csg ripped or perforated at ~600', 400', & 200' if present.
    c. 400' plug F/ 400' – T/ surface'. Csg ripped or perforated at ~400', & 250' if present. Apply a minimum of 200 psi pressure on surface plugs.
10. Erect a monument to WV DEP specifications (CSR 35-4-5.5 – sub "b").
11. Reclaim location and roads to WV DEP Specifications.
12. Post-plugging Methane analysis with 48 hour notice for the inspector.

JCB 10/20/26

10/23/2026

PILLAR ENERGY

WELLBORE SCHEMATIC

Well Information:

Well Name:	Z-14	Company / Partnership:	Pillar Energy LLC
County / State:	Cabell / WV	API Number:	47-011-00620
District / Quad:	Grant / Hurricane	AFE Number:	
Target:	Big Lime	Cost Center:	
Lat:	38.39590139	Pool Code	
Long:	-82.1112169	DTD / LTD:	1461

Surveys	Hole Size	Shows	Depths (KB)	SPUD DATE: 9/29/1929 TD DATE: 10/9/1929	Casings	Cement
				Elevation: 600'		
					10" Conductor @ 14'	
No FW or coal records found						
					8-1/4" Surface Csg was set @ 512', but was POOH	
SW @ 1030'						
Gas Show @ 1455-1461'					6-5/8" Intermediate csg set @ 1416' GL	
				TD @ 1461'		

SEP 16 2026

Completion Information Target: Big Lime Completion Date: 10/12/1929

Top Perforation (ft):	Frac Type/Fluid:		Breakdown:		psi
Bottom Perforation (ft):	Foam Quality:		Pre-ISIP:		psi
No. of Shots:	BD Acid Volume:	gal.	MTP:		psi
Charge (gram):	Treatment Volume:	gal.	ATP:		psi
Perf Diameter:	Sand mesh size	mesh	ISIP:		psi
Penetration:	Sand Volume	sacks	5-min SIP		psi
Phasing:	Ave. Treatment Rate:	bpm	10-min SIP		psi

Remarks:

10/23/2026

66-19

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. Cab. - 343

Oil or Gas Well (Kind) Gas

Company J. H. Wilson
Address Ohio River Road, Huntington, W. Va.
Farm W. H. Birch Acres 59
Location (waters) Hudgen Creek
Well No. 1 Elev.
District Grant County Cabell
The surface of tract is owned in fee by W. H. Birch
Address Ona, W. Va.
Mineral rights are owned by W. H. Birch
Address Ona, W. Va.
Drilling commenced March 25, 1939
Drilling completed June 17, 1939
Date shot May 29, 1939 Depth of shot 3600 feet
Open Flow /10ths Water in No Inch
30,000 /10ths Merc. in No Inch
Volume 30,000 Cu. Ft
Rock Pressure 300 lbs. hrs.
Oil None bbls., 1st 24 hrs.
Fresh water 60 feet to 120 feet
Salt water 1295 feet to 1598 feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16 no	no	none	Kind of Packer none
13 no	no	"	
10 25 ft.	25 ft.	"	Size of no
8¼ 397.5 ft.	397.5 ft.	"	
6 5/8 1946 ft.	1946 ft.	"	Depth set no
5 3/16 none	none	"	
3 none	none	"	Perf. top no
2 none	none	"	Perf. bottom no
Liners Used 400 ft.	400 ft.	400 ft.	Perf. top no
400 ft.			Perf. bottom no

CASING CEMENTED no SIZE no No. FT. no Date
no
COAL WAS ENCOUNTERED AT none FEET INCHES
none FEET INCHES FEET INCHES
none FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Surface	Dirt	Soft	0	30	No		
Red Rock	Red	Soft	30 ft.	50 ft.	No		
Slate	Blue	"	50 ft.	100 ft.	Water	60 ft.	
Sand	White	Hard	100 ft.	250 ft.	No	No	
Slate & Shells	White	" & Soft	250 foot	695 ft.	No	No	
Sand	White	"	695 ft.	760 ft.	Water	730 ft.	4 barr. per hr.
Slate	Black	Soft	760 ft.	895 ft.	No	No	
Sand	White	Hard	895 ft.	960 ft.	No	No	
Slate & Shell	Black & White	" & Soft	960 ft.	1220 ft.	No	No	
Sand	White	"	1220 ft.	1448 ft.	Water	1295 ft.	Hole filled
Slate & Shell	Black & White	" & Soft	1448 ft.	1580 ft.			
Maxim Sand	White		~~1580 ft.~~	~~1598 ft.~~			
Slate	White	Soft	1598 ft.	1601 ft.			
Little Lime?	Black	Hard	1601 ft.	1627 ft.			
Lime	White	"	1627 ft.	1804 ft.			
Squaw Sand	White	"	1804 ft.	1856 ft.			
Injun Sand	White		1856 ft.	1940 ft.			
Black Lime	Black	"	1940 ft.	2004 ft.	No Water		
Slate & Shell	Black & White	" & Soft	2004 ft.	2374 ft.	No Water		
Coffee Shale	Brown	Soft	2374 ft.	2384 ft.	No Water		
Boron Grit S. L.	White	Hard	2384 ft.	2406 ft.	No Water		No oil or gas
Slate & Shell	Black & White	Hard & Soft	2406 ft.	2725 ft.	No Water		
Brown Shale	Brown	Hard	2725 ft.	2815 ft.	None		
White Slate (S. L.)	White	Soft	2815 ft.	3237 ft.	None		
Brown Shale	Brown	Soft	3237 ft.	3415 ft.	None		
White Slate	White	Soft	3415 ft.	3443 ft.	None		
Brown Shale	Brown	Soft	3443 ft.	3600 ft.			Show of gas
White Slate	White	Soft	3600 ft.	3608 ft.	None		
White Slate	White	Soft	3608 ft.	3885 ft.	None		
Brown Shale	Brown	Soft	3885 ft.	3908 ft.	None		
		TOP OF	CONIFEROUS	3909			

AUG 1939 DEPARTMENT OF MINES

(Over)

10/23/2026

Well No. Z-14,
Farm No. 2,
Lease No. HWC-42,

HARSHBARGER OIL & GAS CO. WELL RECORD
ON THE ANDREW AND ORVIL CONNER FARM, ON THE WATERS OF CHARLEYS CREEK, GRANT DISTRICT, CABELL COUNTY, W. VA.

FORMATION	TOP	BOTTOM	REMARKS
Gas Sand (probably)	975	1003	Well commenced September 29th, 1929.
Salt Sand	1003	1170	" completed October 12th, 1929,
Water	1030		and turned in line on that date.
Maxon Sand	1315	1393	
Slate	1393	1396	Gas pay in Big Lime from 1455-1461.
Little Lime	1396	1412	Gauged 4/10 W. in 6-5/8 when first
Big Lime	1412	1461	struck, and made approximately 750,000 cu. ft. when finished and
Total Depth	1461		turned in line.

Casing Record

14 ft. Conductor
512 " 8¼" Csg. (Pulled)
1416 " 6-5/8"

Drillers

Zell Martin and Ed. Sunderland

Tool Dressers

C. H. Handley and C. L. Nimmo

Received
SEP 16 2026
WV Department

10/23/2026

Drilling Record of Andrew and Orvil Conner No. 2.

Zell Martin, Drillers. C.H.Handley, Ed.Sunderland, Helpers. C.L.Nirmo,

Sep. 26.1929	Rigging up.			
29.	Spudding.			
	Conductor,			14 feet.
	8in.Casing			512 "
	Probably Gas Sand,	975,		1003 "
	Salt Sand,	1003 -water 1030-		1170 "
	Maxon,	1316		1393 "
	Slate,	1393		1396 "
	Little Lime,	1396		1412 "
Oct. 9	Big Lime,	1412 6 5/8 1416.		1455 "
	Gas pay,	1455		1461 "
	Total depth,	1461.		

Oct 12. Turned in line at approx. 3/4 million feet.
Gauged 4/10 in 6 5/8 when first struck.

Tools moved to German Chapman # 1.
8 in. casing pulled.

To Be Continued---

12-3-1929 JBK.

SEP 16 2026

10/23/2026

WW-4A
Revised 6-07

RECEIVED
SEP 16 2026
Environmental Protection

1) Date: 9/09/2026
2) Operator's Well Number
Z-14

3) API Well No.: 47 - 011 - 00620

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE 0F APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:
(a) Name: Bragg, Audry
Address: 2883 County Rd
Chesapeake, OH 45619

(b) Name
Address

(c) Name
Address

6) Inspector: Brian Warden
Address: 49 Elk Creek Rd
Delbarton WV 25670
Telephone: 304-205-3229

5) (a) Coal Operator
Name: N/A
Address

(b) Coal Owner(s) with Declaration
Name
Address

Name
Address

(c) Coal Lessee with Declaration
Name
Address

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

(1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
(2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator: Pillar Energy LLC
By: Jeff Isner
Its: President & CEO
Address: 1244 Martins Branch Rd
Charleston WV 25312
Telephone: 681-205-8599

Subscribed and sworn before me this 14th day of Sept 2026

Notary Public

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Anita E Kirk
2938 Short Creek Road
Racine, WV 25165
My Commission Expires June 9, 20

My Commission Expires June 9, 2029

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyoffier@wv.gov.

10/23/2026

US POSTAGE $012.18 First-Class Mail ZIP 25312
09/14/2026 0368 0071821677

Audrey Bragg
2883 County Rd
Chesapeake OH 45619

SEP 16 2026

9589 0710 5270 2352 9333 23
9589 0710 5270 2352 9333 23

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- ☐ Adult Signature Required $
- ☐ Adult Signature Restricted Delivery $

Postage $ 1.98

Total Postage and Fees $ 12.18

Postmark Here

Audrey Bragg
2883 County Rd
Chesapeake OH 45619

Z-14

for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Z-14

Audrey Bragg
2883 County Rd
Chesapeake OH 45619

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☑ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™

10/23/2026

rgy LLC
rtins Branch Rd
n WV 25312

WW-9
(5/16)

API Number 47 - 011 - 00620
Operator's Well No. _____

SEP 16 2026

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Pillar Energy LLC OP Code 494495012

Watershed (HUC 10) Lower Guyandotte Quadrangle Hurricane

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes ☐ No ☑

Will a pit be used? Yes ☐ No ☑

If so, please describe anticipated pit waste: N/A

Will a synthetic liner be used in the pit? Yes ☐ No ☐ If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

_____ Land Application (if selected provide a completed form WW-9-GPP)
_____ Underground Injection (UIC Permit Number _____)
_____ Reuse (at API Number _____)
_____ Off Site Disposal (Supply form WW-9 for disposal location)
■ Other (Explain Spirit Energy Water Treatment Plant (Nitro, WV)

Will closed loop systembe used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

-If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) _____

-Landfill or offsite name/permit number? _____

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature _____
Company Official (Typed Name) Jeff Isner
Company Official Title President & CEO

Subscribed and sworn before me this 14th day of Sept, 20 26

_____ Notary Public

My commission expires June 9, 2029

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Anita E Kirk
2938 Short Creek Road
Scott Depot, WV 25560
My Commission Expires June 9, 2029

10/23/2026

Form WW-9

Operator's Well No. _____

Proposed Revegetation Treatment: Acres Disturbed 1/2 Prevegetation pH _____

Lime according to pH test Tons/acre or to correct to pH 7.0

Fertilizer type 10-20-20

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Office of Oil & Gas
SEP 16 2026
WV Department of
Environmental Protection

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
		Contractors Mix	50

Attach:
Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: _____

Comments: Reclaim to DEP Standards

Office of Oil & Gas
SEP 16 2026
WV Department of
Environmental Protection

Title: _____ Date: 9/16/26

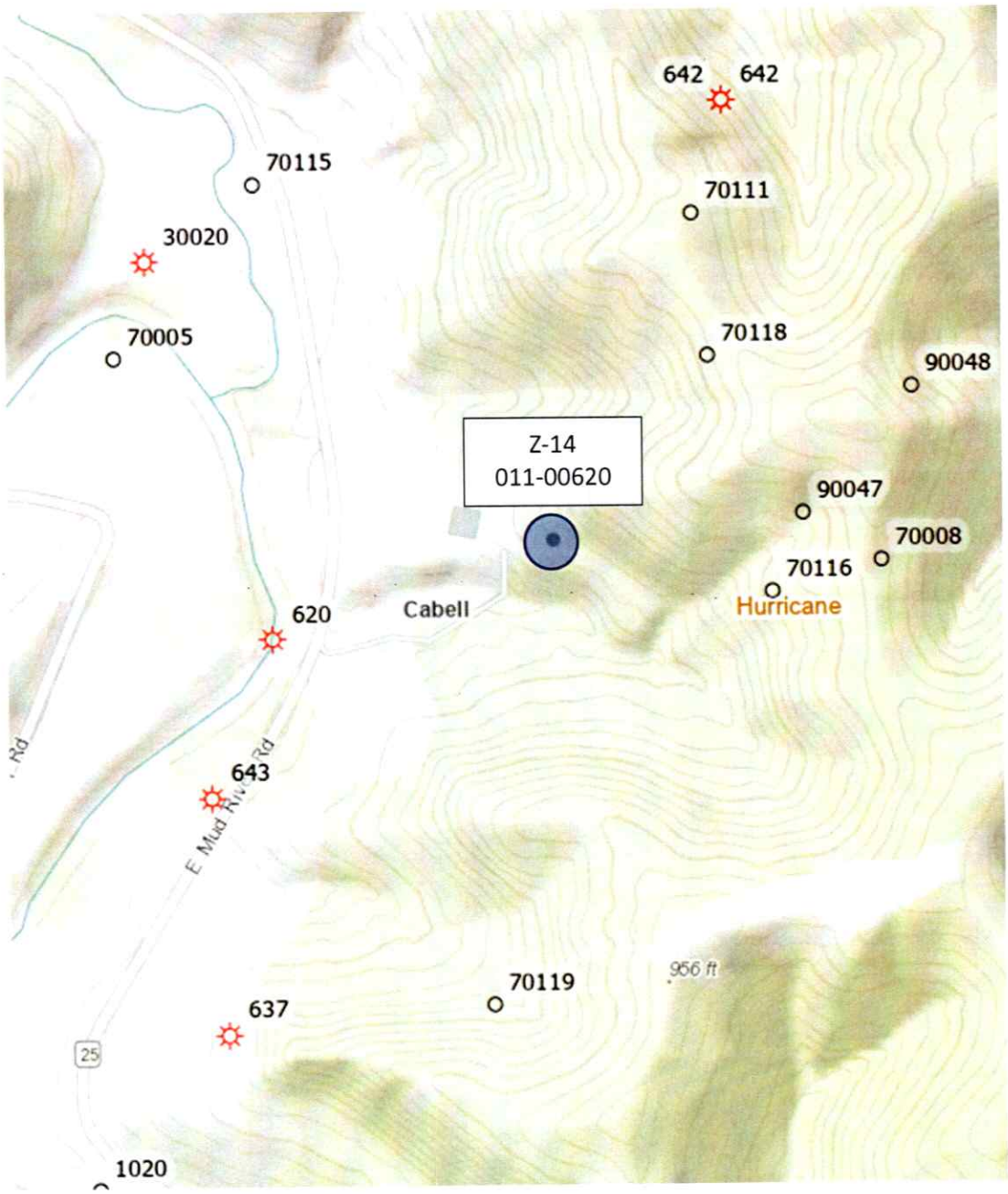
Field Reviewed? (X) Yes ( ) No

10/23/2026

SEP 16 2026

Z-14

LOCATION MAP



10/23/2026

WW-7
8-30-06

RECEIVED
SEP 16 2026

West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-011-00620 **WELL NO.:** Z-14

FARM NAME: _____

RESPONSIBLE PARTY NAME: Pillar Energy LLC

COUNTY: Cabell **DISTRICT:** _____

QUADRANGLE: Hurricane

SURFACE OWNER: Bragg, Audry

ROYALTY OWNER: _____

UTM GPS NORTHING: 4,250,327.063

UTM GPS EASTING: 402,963.552 **GPS ELEVATION:** 600'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS ____: Post Processed Differential _____

Real-Time Differential _____

Mapping Grade GPS ____: Post Processed Differential _____

Real-Time Differential _____

4. **Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Signature _____ CEO Title 9-14-26 Date

10/23/2026